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CENTRAL INTELLIGENCE AGENCY

INTELLIGENCE REPORT

# YEN-LIANG FABRICATION PLANT

## YEN-LIANG, CHINA



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## YEN-LIANG FABRICATION PLANT

### YEN-LIANG, CHINA

Yen-liang Fabrication Plant (34-40N 109-15E) is located adjacent to the Yen-liang Airfield, 160 nautical miles west of Lo-yang, in Shen-hsi Sheng (Shensi Province), China (Figure 1).

The plant was not in operation at the time of [redacted] and at the present stage of construction it is difficult to determine the exact function of each building. There does not appear to be a final assembly hall of sufficient size or height for the production of any type of aircraft larger than those of fighter size; however, one could be added to the side of the fabrication building under construction (item 6, Figure 2).

Within the plant area at the time of photography were roof trusses, lumber, and several cranes around the buildings under construction, and 13 rail cars loaded with sand or gravel.

The lack of visible activity, such as trucks on the streets and steam or smoke from the sawmill and power plant, indicates that construction was not active at the time of photography.

The total floor space of buildings completed or nearing completion is 1,470,275 square feet, and of the others that are in early or partial stages of construction is 1,068,800 square feet.

Major components of the plant and airfields are identified and described on Figures 2 and 3.

#### Key to Annotations on Figure 2:

1. Administration and housing area.
2. Sawmill and prefabrication yard.
3. Subassembly building, 720 by 320 feet, consisting of two main sections: a subassembly hall 720 by 85 feet and [redacted] high, arch-roofed, with longitudinal monitors; and 12 subassembly bays with two parts sections, 720 by 235 feet overall, each bay arch-roofed, with longitudinal monitor. Total floor space 230,400 square feet.
4. Unidentified building in early stage of construction, probably 720 by 320 feet, floor space 230,400 square feet, probably will consist of subassembly hall and 12 subassembly bays.
5. Possible administration building, U-shaped, two-story, 200 by 35, 180 by 55, and 180 by 55 feet. Total floor space 53,600 square feet.

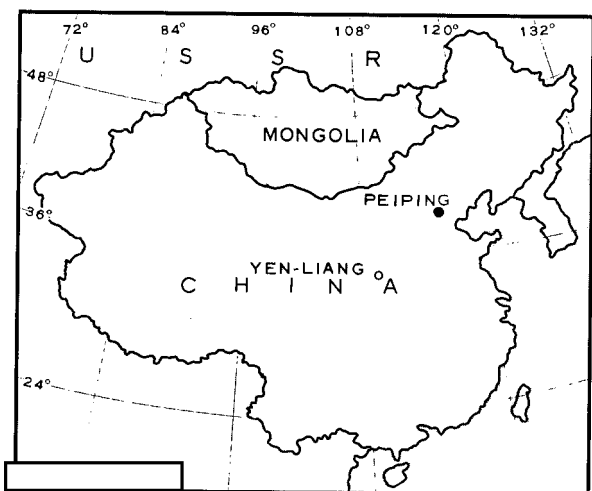


FIGURE 1. LOCATION OF FABRICATION PLANT.

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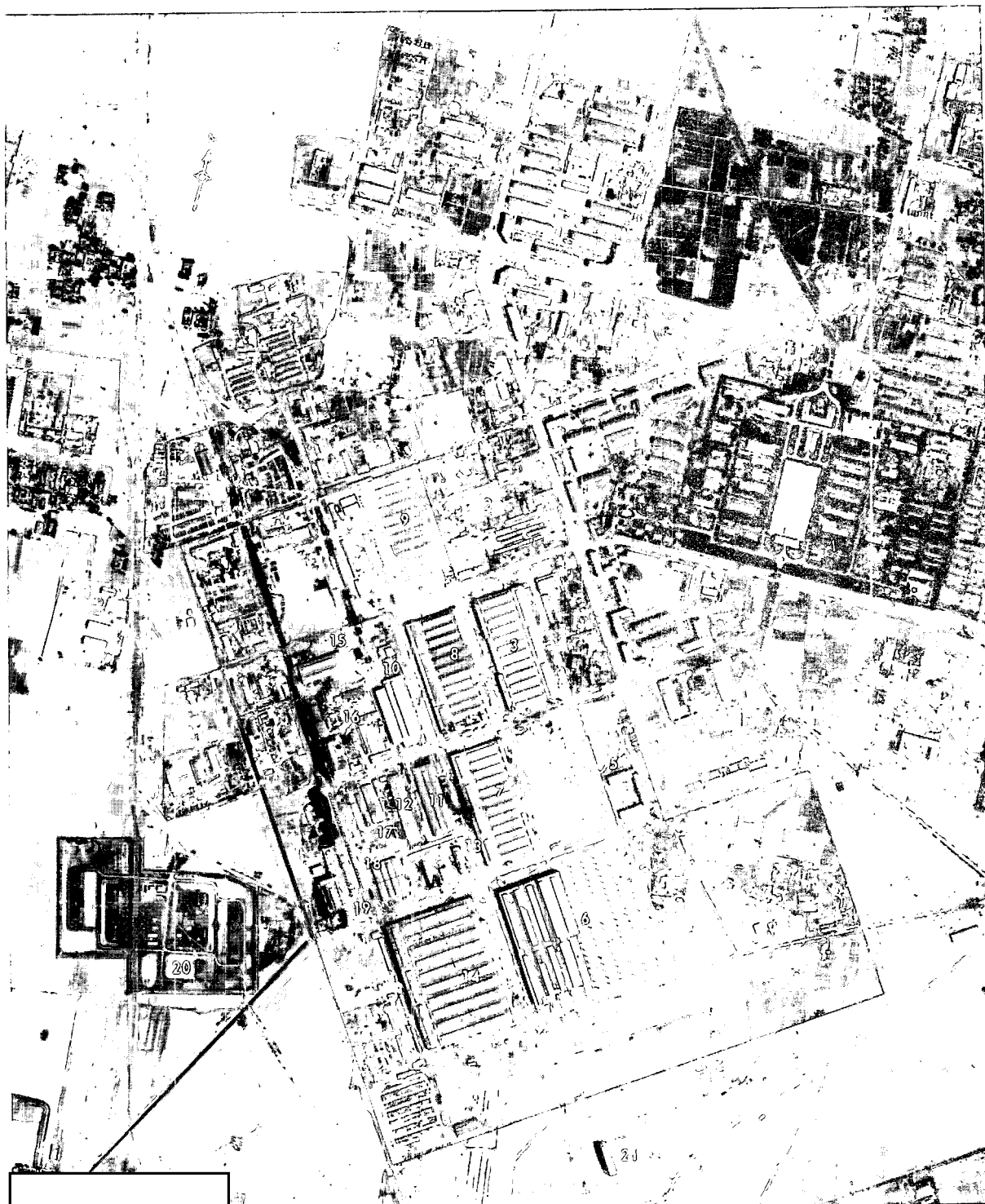


FIGURE 2. FABRICATION PLANT [REDACTED]

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6. Unidentified building under construction, 800 by 760 feet and [ ] consisting of 10 bays 760 by 80 feet (five arch-roofed bays nearing completion), floor space 608,000 square feet.

7-8. Subassembly buildings, each 720 by 320 feet. Buildings consist of two main sections: a subassembly hall 720 by 85 feet, [ ] arch-roofed, with longitudinal monitors; and 12 subassembly bays with two parts sections, 720 by 235 feet overall, each bay arch-roofed, with longitudinal monitor. Floor space of each building 230,400 square feet.

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9. Unidentified building in early stage of construction, 720 by 320 feet. Building will consist of two main sections: assembly hall 720 by 85 feet, and 12 assembly bays 720 by 235 feet overall. Total floor space 230,400 square feet.

10. Warehouse 440 by 120 feet, arch-roofed, with longitudinal monitors; rail-served; floor space 52,800 square feet.

11. Probable foundry 440 by 125 feet, arch-roofed, with longitudinal monitor. Rail-served, with overhead gantry crane adjoining. Floor space 55,000 square feet.

12. Warehouse 440 by 85 feet, flat-roofed; floor space 37,400 square feet.

13. Probable forge, 175 by 45 feet, flat-roofed, with longitudinal monitor; floor space 7,875 square feet.

14. Subassembly building 800 by 565 feet. Building consists of two main sections: a subassembly hall 800 by 85 feet; [ ] high; arch-roofed, with longitudinal monitors and 10 subassembly bays 800 by 480 feet overall, each bay arch-roofed, with longitudinal monitor. Parts and administration section 470 by 30 feet adjoins this building. Total floor space 452,000 square feet.

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15. Shop building 270 by 125 feet, arch-roofed, with two longitudinal monitors. Floor space 33,750 square feet.

16. Two unidentified irregular-shaped buildings, rail-served. Total floor space 31,450 square feet.

17. Storage building 240 by 65 feet; flat and vented roof. Floor space 15,600 square feet.

18. Shop building 240 by 165 feet; arch-roofed, with two longitudinal monitors and apparent firewall across the center. Floor space 39,600 square feet.

19. Power/steam plant, with large overhead gantry crane adjacent for coal handling.

20. Airfield POL storage, rail-served. Ten buried storage tanks interconnected with pipelines from four fueling manifolds adjacent to rail line.

21. Unidentified building, roof section 190 feet between columns and approximately 60 feet high.

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FIGURE 3. YEN-LIANG AIRFIELD

Key to Annotations on Figure 3:

- |  |  |
|--|--|
| 1. Ammunition/explosives storage, three revetted buildings and separate revetted detonator building. | 3. Inner beacon markers of the ILS.                    |
| 2. Firing-in butt.   | 4. Runway, NE/SW, concrete, 8,400 by 230 feet.         |
|  | 5. Three hangars, 160 by 120, 60 by 55, 70 by 60 feet. |
|  | 6. Administration and housing area.                    |

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REFERENCES

PHOTOGRAPHY

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MAPS OR CHARTS

SAC. US Air Target Chart, Series 200, Sheet 0385-6A, 1st ed, Nov 59, scale 1:200,000 (S)

ACIC. US Air Target Chart, Series 25, Sheet 0385-9963-0-25A; 1st ed, Dec 58, scale 1:25,000 (S)

REQUIREMENT

CIA. RR/E/R-101/62

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